

an annular gear rotatably disposed in said bore and being provided along its outer periphery with a plurality of teeth, each tooth being rounded at its outer extremity and each gap between adjacent teeth being rounded in such manner that the outwardly presented angle of each gap is greater than the inwardly presented angle of each tooth,

Al Cont
a first pawl pivotally disposed in said first chamber and including a first pawl tooth sized for snug fitting disposition in any of the gaps on the gear, said first pawl also including a second pawl tooth which is sized and shaped for cooperating with an adjacent gear tooth to urge the first pawl tooth snugly into a gap on the gear as the first pawl is pivoted toward the gear,

a second pawl pivotally disposed in said second chamber and including a third pawl tooth sized for snug fitting disposition in any of the gaps on the gear, said second pawl also including a fourth pawl tooth which is sized and shaped for cooperating with an adjacent gear tooth to urge the third pawl snugly into a gap on the gear as the second pawl is pivoted toward the gear,

first biasing means in the first chamber for urging the first pawl towards the gear, and

second biasing means in the second chamber for urging the second pawl towards the gear,

and control means for selectively allowing only one of the two pawls to engage the gear as the yoke is moved with respect to the gear.

[Claim 2 is being resubmitted in unamended form.

2
Please amend Claim 3 to read as follows:

3. (amended)

A2
The [combination] tool of claim 1 in which the second pawl tooth is sized substantially shorter and substantially narrower at its base [narrower] than the first pawl tooth, and the fourth pawl tooth is sized substantially shorter and substantially narrower at its base [narrower] than the third pawl tooth.

Please cancel claims 4 through 8 inclusive, 10, 11, and 13 through 16 inclusive, all without prejudice.

Please amend claim 9 to read as follows:

~~48~~ (amended)

A3
In a power tool, the combination of a yoke and pawl, said yoke comprising a reciprocally driven member provided with an enlarged bore and a chamber, said chamber being substantially cylindrical in shape and including an axially extending opening leading to a larger chamber, said pawl including an elongated element which is cylindrical over most of its periphery and sized for snug but pivotal disposition in the smaller chamber of the yoke, said pawl also including an outwardly projecting element which extends through the larger chamber into the bore through said opening, the periphery of the chamber being substantially greater than semicylindrical in cross-section whereby to retain the pawl therewithin during pivotal movement solely by its shape.

Please amend Claim 12 to read as follows:

5 ~~12~~ (amended)

A4
The combination of claim ~~8~~⁴ in which the smaller and larger sections of the chamber [chambers] of the yoke are provided with a common flat floor, one end of the pawl is also flat, the cylindrical wall of the smaller section of the chamber of the yoke is sized for retaining the pawl in the smaller section of the chamber during pivotal movement when the flat end of the pawl is on the flat floor of the chamber [chambers], and the outwardly projecting element is provided with a plurality of different sized teeth which are moved into and out of the bore as the pawl is pivoted.

Please add the following two new claims:

6 ~~17~~ (new)

A5
In a power tool comprising a reciprocally moving yoke and a movable gear having a plurality of spaced teeth about its periphery, the improvement of a pawl pivotally disposed in a chamber within the yoke, means for selectively engaging the pawl with the gear teeth as the yoke is moved in a preselected direction, and backloading means for transferring substantially all of the moving power from the yoke to the gear as the yoke is moved in said direction, said backloading means including a first cylindrical wall within the chamber, a second cylindrical wall on the pawl, said first cylindrical wall being slightly larger diametrically than said second cylindrical wall, said pawl being disposed within said chamber in such manner that the cylindrical walls are coaxial, retaining means for placing the first and second cylindrical walls in firm contact with each other as the yoke is moved in said preselected direction, and support means for

moving the pawl and yoke together as a single unit as power is applied to the gear from the yoke.

⁷
~~18~~ (new).

AS Cmt - The device of claim ~~17~~⁶ in which the retaining means includes a first flat surface on the yoke which extends from the first cylindrical wall surface toward the gear, and a second flat surface on the pawl which is sized and located on the pawl in such manner that said second flat surface may be pressed against said first flat surface when the pawl is pivoted fully inwardly, and biasing means for urging the second flat surface against the first flat surface when the yoke moves in the preselected direction.

REMARKS

Responsive to the aforementioned Office Action of 2/11/97, drawing containing suggested corrections are being submitted herewith for approval, Claims 1, 3, 9, and 12 have been amended, Claims 4 through 8, 10, 11, and 13 through 16 have been canceled without prejudice, Claim 2 is being resubmitted in unamended form, and new Claims 17 and 18 have been added. Additionally, an Affidavit under 37 CFR 1.132 has been executed and is being filed herewith. Applicant has further requested that the physical changes to the drawings submitted be deferred until claims have been allowed.

Examiner rejected claims 1-3, 5-8 and 10-12 as being indefinite for failing to point out in particular and distinctly claim the subject matter of the invention. Of the claims thus rejected, Claim 1, dependent Claims 2, 3 and claim 12 remain. Examiner rejected independent Claim 1 as being indefinite in scope